

Title (en)
GRANULATE OF ONLY NATURAL CONSTITUTIONS; GRANULATE FOR THE MANUFACTURE OF COMPOSABLE PRODUCTS AND METHOD FOR MANUFACTURING THE GRANULATE

Title (de)
GRANULAT AUS REIN NATÜRLICHEN BESTANDTEILEN; GRANULAT ZUR HERSTELLUNG KOMPOSTIERBARER PRODUKTE SOWIE HERSTELLUNGSVERFAHREN DES GRANULATS

Title (fr)
GRANULÉS CONSTITUÉS D'ÉLÉMENTS PUREMENT NATURELS; GRANULÉS POUR LA FABRICATION DE PRODUITS COMPOSTABLES AINSI QUE PROCÉDÉ DE FABRICATION DESDITS GRANULÉS

Publication
EP 4025631 B1 20230607 (DE)

Application
EP 21729409 A 20210511

Priority

- EP 20173968 A 20200511
- EP 2020072820 W 20200813
- EP 20215225 A 20201217
- DE 202020107372 U 20201217
- DE 202020107373 U 20201217
- DE 202020107374 U 20201217
- EP 2021062550 W 20210511

Abstract (en)
[origin: WO2021228899A1] The present invention relates to biodegradable and compostable granulates consisting of natural ingredients comprising starch and thickening and gelling agents and does not comprise a biosynthetic material. According to the invention, the granulate is used for producing biodegradable and preferably compostable products and articles of daily use. The present invention also relates to methods for producing the granulate according to the invention, as well as methods for producing different products by using the granulate according to the invention.

IPC 8 full level
C08J 3/12 (2006.01); **B29B 7/00** (2006.01); **B29B 7/90** (2006.01); **B29B 9/12** (2006.01); **B29B 9/14** (2006.01); **B29B 9/16** (2006.01); **C08J 5/18** (2006.01); **C08J 7/04** (2020.01); **C08L 3/02** (2006.01)

CPC (source: EP)
A23L 29/212 (2016.08); **A23L 29/238** (2016.08); **A23L 29/256** (2016.08); **A23L 29/269** (2016.08); **A23L 29/27** (2016.08); **A47G 19/00** (2013.01); **A47G 21/18** (2013.01); **B29B 7/007** (2013.01); **B29B 7/90** (2013.01); **B29B 7/92** (2013.01); **B29B 9/12** (2013.01); **B29B 9/14** (2013.01); **B29B 9/16** (2013.01); **C08J 3/12** (2013.01); **C08J 5/18** (2013.01); **C08J 7/0427** (2020.01); **C08L 3/02** (2013.01); **C08L 101/16** (2013.01); **A23P 10/25** (2016.08); **A47G 2400/10** (2013.01); **B29B 7/42** (2013.01); **B29B 7/48** (2013.01); **B29B 9/06** (2013.01); **C08J 2300/16** (2013.01); **C08J 2303/02** (2013.01); **C08J 2400/16** (2013.01); **C08J 2401/00** (2013.01); **C08J 2405/00** (2013.01); **C08J 2407/00** (2013.01); **C08J 2491/06** (2013.01); **C08J 2497/02** (2013.01); **Y02W 90/10** (2015.05)

C-Set (source: EP)

1. **C08L 3/02 + C08L 5/00 + C08L 5/00**
2. **C08L 3/02 + C08K 5/053 + C08L 5/00 + C08L 5/00 + C08L 91/00**
3. **C08L 3/02 + C08K 5/053 + C08L 5/00 + C08L 5/00 + C08L 7/00 + C08L 91/06**
4. **C08L 3/02 + C08L 5/00 + C08L 5/00 + C08L 7/00 + C08L 91/06 + C08L 97/02**
5. **C08L 3/02 + C08L 5/00 + C08L 5/00 + C08L 91/06**
6. **C08L 3/02 + C08L 5/00 + C08L 5/00 + C08L 91/06 + C08L 97/02**
7. **C08L 3/02 + C08L 5/06**

Citation (examination)
CHEN X ET AL: "Edible eco-friendly straw comprises rice starch, wheat bran, cassava, agar, trehalose and flavoring agent, and is prepared by mixing rice starch, wheat bran, cassava, agar, trehalose and flavoring agent", WPI / 2017 CLARIVATE ANALYTICS,, vol. 2019, no. 68, 23 July 2019 (2019-07-23), XP002803104

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 3910005 A1 20211117; AU 2021270978 A1 20230119; DE 202021102590 U1 20210614; DE 202021102591 U1 20210614; DE 202021102592 U1 20210614; EP 4025631 A1 20220713; EP 4025631 B1 20230607; EP 4025631 C0 20230607; EP 4074758 A1 20221019; EP 4074758 B1 20240501; EP 4074758 C0 20240501; WO 2021228899 A1 20211118

DOCDB simple family (application)
EP 21173369 A 20210511; AU 2021270978 A 20210511; DE 202021102590 U 20210511; DE 202021102591 U 20210511; DE 202021102592 U 20210511; EP 2021062550 W 20210511; EP 21729409 A 20210511; EP 22172706 A 20210511